

ABSTRACT OF DISCLOSURE

A battery pack (10) for a power tool (T) includes a casing (11/12) housing rechargeable cells (24). A receiving bay (18) in the casing (11/12) receives slide-in parts of the power tool (T), or of a recharging stand (20), to retain the battery pack (10). A pair of primary electrical contacts (16) is located in or adjacent the receiving bay (18). A recess (15) opens into the receiving bay (18). A supplementary electrical contact (17) is located within the recess (15), and a user-manipulable catch (23) is also located therein alongside the supplementary contact (17). That is, a single recess (15) houses both the supplementary contact (17) and the mechanical catch (23). The supplementary contact (17) is usable when recharging the battery (24) to relay battery temperature information to a recharging stand (20), but has no function when the battery pack (10) is attached to the power tool (T). The catch (23), useful in retaining the battery pack (10) to the power tool (T), has no function with the recharging stand (20).